

**FDNY**  
**INCIDENT ACTION PLAN**  
**OPERATIONAL PERIOD**  
**SATURDAY**  
**DECEMBER 15, 2001**  
**0700 – 0700**



**OPERATIONAL PERIOD**

Saturday 12/15/01 0700 hours – Sunday 12/16/01 0700 hours

**OVERALL INCIDENT OBJECTIVES**

1. Provide for the health, safety, and welfare of all personnel working around the incident.
2. Provide for the recovery and identification of as many remains as possible, and return to next of kin.
3. Coordinate with all involved agencies to support the operational needs of the incident.
4. Document all critical items and significant events.

**OPERATIONAL FACILITIES AND LOCATIONS**

Incident Command Post	100 Duane Street
Operations Post	10/10 Station (Liberty & Greenwich)
West Command	Vesey & West (West & Liberty Sectors)
East Command	Liberty & Church (Church & Vesey Sectors)
FDNY Cache	Quarters of 10 & 10 – open 0800-2000 hrs.
FDNY Parking	West & Warren Streets.
Additional parking at DOT lot (SW corner of West & Warren Streets)	

**OPERATIONAL RESOURCES****FDNY WTC TF**

Recovery Team	75 Officers & Firefighters
Suppression Team	10 Officers & Firefighters
FAST Team	7 SOC Officer & Firefighters
GPS/BFU Team	10 Officers & Firefighters per 24 hour tour

**FDNY/EMS**

11 people per day shift / 11 people per night shift

**WEATHER FORECAST**

**Day:** Cloudy, then Sun high Lower 50's, N/W winds 20-25 mph, Gusts to 40 mph.

**Night:** Clear, Low in Mid 30,s N/W winds 10-20 mph.

**Outlook:** Sunday low near 40, winds 10-15 mph .

**Anemometer Locations:** 11<sup>th</sup> floor of the Verizon Building, 3<sup>rd</sup> floor 10/10 Station, 17<sup>th</sup> floor of 125 Liberty, 10<sup>th</sup> floor of 2 WFC, OEM Command Bus at West & Warren, East Command, and Federal Post Office.

**ACCOMPLISHMENTS (Past 24 hours)**

1. The Brush Unit has been removed from the site and will no longer be used.

**CONTINUING ACTIONS**

1. Application of water to South Tower area and where heat and smoke are escaping in an attempt to extinguish/reduce the heat. Operation continues.
2. Operations continue on debris removal from the North Tower area with intermittent use of handlines to cool debris.
3. Steel cutting @ Bankers Trust (130 Liberty St.), from 11<sup>th</sup> floor down to 8<sup>th</sup> floor continues on a 24-hour basis with a shift change between 1700 – 1900 hours. Handline fire prevention/suppression support from FDNY will be necessary on a floor-by-floor basis. This work continues. Sprinkler & Standpipe systems are OOS.
4. Demolition of 6 WTC continues. Hand line fire prevention/suppression support from FDNY required on Vesey St. on a 24/7 basis.
5. Steel cutting @ 30 West Broadway. Specialized demolition at various floors, including removing a portion of the 8<sup>th</sup> floor slab. Handline for fire prevention/suppression support from FDNY will be necessary.
6. NYDOL PESH issuing personal monitoring for Pd & FD.
7. West Street Siamese at 3 WFC is OOS. Use Vesey Street Siamese if needed.
8. Demolition work at 3 WFC. Burning on floors 17-26 from 0700-1530 hrs. Burning will also take place on floors 2-10 from 1600 to 2400 hrs. FD support needed fire suppression/fire prevention. Observe exclusion zone.
9. Glass removal from west façade of Bankers Trust along Washington St. from the 39<sup>th</sup> floor down.
10. PAPD & Mooretrench will enter North & South Projections at 0900 & 1500 hrs. daily to inspect dewatering pumps in PATH tubes. This will be an ongoing operation. This information will be updated weekly.

**PLANNED ACTIONS (Next 24 hours)**

1. Demolition work at 3 WFC. Burning on floors 17-26 from 0700-1530 hrs. Burning will also take place on floors 1-10 from 1600 to 2400 hrs. FD support needed fire suppression/fire prevention. Observe exclusion zone.
2. Precutting of south bays of 6 WTC in preparation of pull down. FD support required for suppression.
3. MEDCOR Medical Site located at Fulton and Church to be relocated to Church & Dey.

**ANTICIPATED ACTIONS (48 - 72 hours)**

1. Welding & burning @ 90 Church St. continue until 12/14/01. Work will take place on the B-1 level on the West Broadway side.
2. Insertion into PATH Mezzanine via Barclay St. ramp for PATH equipment salvage. Rescheduled for week of 12/17/01. SOC required.

## **SPECIAL INSTRUCTION**

1. **FDNY Sector Chiefs will approve all searches.**
2. **No open flames or warming fires. All fires will be extinguished by the BFU.**
3. Operations Post is requested to fax the name of the Safety Chief for each tour to the Incident Command Post.
4. **PPE requirements are as follows:**  
Red Zone – Helmet, Safety Glasses & Safety Shoes, Coveralls, Long-sleeved Shirts.  
Inner Zone – Helmet, Safety Glasses, Safety Shoes, Respirators, Coveralls & Long-sleeved Shirts. **FD Helmets with reflective tape or FD Bunker coats must be worn when working on the pile to identify as members of the dept.**
5. FDNY personnel parking is located on the south side of Warren St., 250 feet east of West St. Access to the FD parking lot must be made through the West & Chambers Street checkpoint. Members will be issued a site access card at the beginning of their shift. These access cards must be prominently displayed to allow entry onto the site. The tan access cards shall be handed in at the end of the shift. Coveralls and respirators will be available at the FD Warren St. parking lot.
6. GPS is to be used to plot locations of all victims, remains, fire equipment and apparatus. If the GPS is not operational, hand held GPS operators will manually record grid locations using a **grid map dated 09/20 or later**. GPS units are available through the Sector Chiefs, who shall contact the GPS Team via channel 5.
7. When any SCBA or compressed gas cylinders are found, the Sector Chief will contact ICP for Fire Prevention notification. Cages are at East & West Command for temporary storage of cylinders.
8. Enclosures on North and South projections on West Street are locked. The keys will be located with the FDNY Command Post, NYPD Officer at enclosure, and OEM.
9. Prior to any vehicles being removed/towed from buildings, FDNY Operations Chief must determine if a foam handline is needed.
10. A charged handline must be in position prior to any steel cutting operation inside of buildings.
11. Void entries and searches where elevated Freon readings exist (1 & 2 WTC) require O<sub>2</sub> monitoring prior to entry.
12. **All underground insertions/void searches must be coordinated with FDNY SOC Chief on duty and the IC at Duane St. to ensure safety.**
13. Copy of WTC Emergency Evacuation has been reissued.

## **DEPARTMENT OF DESIGN AND CONSTRUCTION UPDATE**

### **ACCOMPLISHMENTS (Past 24 hours)**

1. 139 tiebacks installed in slurry wall south of 2 WTC (Liberty Street)/ 119 tensioned. 1 rigged & 19 grouted. This is ongoing.
2. Insertion into PATH. Projection (North & South) for Mechanical Survey completed.

### **PLANNED ACTIONS (Next 24 hours)**

1. Continued debris removal in footprints of 1,2,4, & 6 WTC.
2. Dewatering of Sub grade and PATH tunnel via North & South Projections continues.
3. Demolition of 5 & 6 WTC continues.
4. Core drilling & tiebacks continue on Greenwich, Liberty & West Streets.
5. Continue debris removal on 8<sup>th</sup> – 11<sup>th</sup> floor at Bankers Trust. Cutting torch work restarted, FDNY handline for fire prevention/suppression support will be necessary.
6. Demolition work at 3 WFC. Burning on floors 17-26 from 0700-1530 hrs. Burning will also take place on floors 1-10 from 1600 to 2400 hrs. FD support needed fire suppression/fire prevention. Observe exclusion zone.
7. Continue to remove the N/E façade of 1 WTC. Scheduled for completion on 12/15/01.

### **ANTICIPATED ACTIONS (48-72 hours)**

1. Core drilling and tiebacks continue on Greenwich, Liberty & West Streets.
2. Dewatering of PATH from No. Projection & Refrigeration Plant from So. Projection.
3. Demolition of the S/E corner of 3 WFC to continue. New exclusion zone as per attached drawing.
4. Debris removal to continue in footprints of 1,2,4,5 & 6 WTC.
5. Debris removal to build new westerly road parallel to Liberty St.
6. Continue demolition of 6 WTC.
7. Continue removal of N/E Façade of 1 WTC.
8. Insertion into PATH Mezzanine via Barclay St. ramp for PATH equipment salvage scheduled for 1900-0500 hrs on Tuesday 12/18/01. SOC required.
9. Battery Park underpass (Southbound Lane) to be closed from 0500-1100 hours on Sunday 12/15/01.

There is an OEM representative located at the OEM trailer (Murray and West - 212 941-5337) to contact DDC to handle contractor problems. To contact the contractors on site, DDC has a person stationed at 10/10 to assist. OEM is also the contact for OSH



## *Safety Message*

12/15/01

### ⊕ ***FREON 22 -(chlorodifluoromethane)***

- ◆ Freon is a trade name used to describe a whole class of chemicals used in refrigeration. Most of these chemicals are known as chlorofluorocarbons.
- ◆ It is a colorless compressed liquefied gas.
- ◆ It has a slight ether like odor or a sweet odor.
- ◆ It is heavier than air, non-flammable and non-combustible.
- ◆ It will displace oxygen

### ⊕ ***CHILLER ROOMS***

- ◆ Freon will be found in large quantities in the chiller plant areas of the lower areas of the buildings.

### ⊕ ***HEALTH AND SAFETY***

- ◆ Freon can be absorbed through inhalation or skin absorption.
  - Symptoms may include the following
    - Confusion
    - Drowsiness
    - Unconsciousness
    - Frostbite and/or defatting of skin (skin contact)
    - Eye irritation (redness, pain)
    - Severe depression of the central nervous system (high concentrations)
    - Irregular heart beat

***All Areas Containing Chillers Shall Be Considered Confined Space. Freon 22 Leaks May Cause An Oxygen Deficiency. Appropriate Monitors And Self-Contained Breathing Apparatus Are Required.***

RESTRICTED WORK ZONE NOTES

- 1. DUE TO LARGE VOID AREAS, EXCAVATION TO PROCEED CAREFULLY IN DIRECTION INDICATED
- 2. RECOVERY OPERATIONS IN THESE AREAS SHOULD BE STRICTLY LIMITED TO ONE SPOTTER PER EXCAVATOR.
- 3. IN THE EVENT OF ACTIVE RECOVERY, LIMIT NUMBER OF PERSONNEL TO MINIMUM NECESSARY FOR EFFECTIVE RECOVERY.

← DIRECTION OF EXCAVATION

 RESTRICTED WORK ZONE

